

Development of Advanced Materials for Ultrasupercritical Boiler Systems

Project Lead


Energy Industries of Ohio
Independence, OH

Description

The project will pursue improvements in coal-based power plants by developing advanced materials that will make it possible to maintain a cost-competitive, environmentally-acceptable coal-based electric generation option. As a result, pulverized coal plants will rival new gas turbine combined cycle plants, as well as other options such as repowering current plants with natural gas-fired alternatives. The study will enable power producers to pursue higher steam cycle pressures and temperatures.

Duration: 8/1/01 - 7/31/06

Product Support Areas

Gasification Technologies	Combustion Technologies	Sequestration	Environmental & Water Resources	Advanced Turbine & Engines	Fuel Cells
					



Project: 41175
Code: EIO-2

Contact Information

Robert Romanosky
NETL Product Manager
(304) 285-4721
robert.romanosky@netl.doe.gov

Udaya Rao
NETL Project Manager
(412) 386-4743
udaya.rao@netl.doe.gov